

What is claimed is:

1. A bleach composition or a dye composition for hair which, during use, comprises a mixture of a first composition containing an alkali agent and a second composition containing an oxidizing agent, the bleach or dye composition comprising the following components (A) to (E):

(A) an organic solvent having a partition coefficient (octanol-water) ($\log P$) at 25°C of 0.3-6 and a molecular weight of 200 or less, in an amount of 1-70 wt.%;

(B) an organic solvent having a partition coefficient (octanol-water) ($\log P$) at 25°C of less than 0.3, in an amount of 0-8 wt.% and less than that of component (A);

(C) an alkali agent in an amount of 0.1-10 wt.%;

(D) an oxidizing agent in an amount of 0.1-12 wt.% as reduced to hydrogen peroxide; and

(E) water in an amount of 20-55 wt.%, and has a pH of 7.5-12 after mixing of the first composition and the second composition.

2. A bleach composition or a dye composition for hair which, during use, comprises a mixture of a first composition containing an alkali agent and a second composition containing an oxidizing agent, the bleach or dye composition comprising the following components (A) to (F):

(A) an organic solvent having a partition coefficient (octanol-water) ($\log P$) at 25°C of 0.3-6 and a molecular weight of 200 or less, in an amount of 1-70 wt.%;

(B) an organic solvent having a partition coefficient

(octanol-water) (log P) at 25°C of less than 0.3, in an amount of 0-8 wt.% and less than that of component (A);

(C) an alkali agent in an amount of 0.1-10 wt.%;

(D) an oxidizing agent in an amount of 0.1-12 wt.% as reduced to hydrogen peroxide;

(E) water in an amount of 20-70 wt.%, and

(F) a cationic surfactant in an amount of 0.01-10 wt.%, and has a pH of 7.5-12 after mixing of the first composition and the second composition.

3. A hair dye composition according to claim 1 or 2, further comprising (G) an oxidation-type dye intermediate or (H) a direct dye.

4. A bleach composition or a dye composition for hair according to claim 1 or 2, containing ammonia serving as component (C) in an amount of 0-3 wt.% the entire composition.